

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3239.1000-017	APPLICATION NO. 10/082,803
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  January 15, 2004 <i>JAN 20 2004</i> (Use several sheets if necessary)		FIRST NAMED INVENTOR Raanan A. Miller	FILING DATE February 21, 2002
		EXAMINER Paul M. Gurzo	CONFIRMATION NO. 4435
			GROUP 2881

U.S. PATENT DOCUMENTS				
EXAM- INER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
PB	AD4	3,931,589	01/06/1976	Aisenberg, et al.
PB	AE4	4,025,818	05/24/1977	Giguere, et al.
PB	AF4	4,136,280	01/23/1979	Hunt, et al.
PB	AG4	4,201,921	05/06/1980	McCorkle
PB	AH4	5,536,939	07/16/1996	Freidhoff, et al.
PB	AI4	5,723,861	03/03/1998	Carnahan, et al.
PB	AJ4	5,789,745	08/04/1998	Martin, et al.
PB	AK4	5,801,379	09/01/1998	Kouznetsov
PB	AA5	5,838,003	11/17/1998	Bertsch, et al.
PB	AB5	5,869,344	02/09/1999	Linfirth, et al.
PB	AC5	5,965,882	10/12/1999	Megerie, et al.
PB	AD5	6,051,832	04/18/2000	Bradshaw
PB	AES	6,066,848	05/23/2000	Kassel, et al.
PB	AF5	6,107,628	08/22/2000	Smith, et al.
PB	AG5	6,200,539 B1	03/13/2001	Sherman, et al.
PB	AHS	6,323,482 B1	11/17/2001	Clemmer, et al.
PB	AJ5	6,509,562 B1	01/21/2003	Yang, et al.
PB	AJS	6,618,712 B1	09/09/2003	Parker, et al.
PB	AK5	2002/0134932 A1	09/26/2002	Guevremont
PB	AA6	2002/0070338 A1	06/13/2002	Loboda
PB	AB6	2003/0089847 A1	05/15/2003	Guevremont, et al.
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EXAMINER <i>Paul Gurzo</i>	DATE CONSIDERED <i>3/4/04</i>
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## **FOREIGN PATENT DOCUMENTS**

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EXAMINER	DATE CONSIDERED
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Pb	AU	"Advanced Cross-Enterprise Technology Development for NASA Missions," Revised NASA Research Announcement NRA99-OSS-05 pp. 1-C19 (1999).
Pb	AV	Buryakov, <i>et al.</i> , "Drift Spectrometer for the Control of Amine Traces in the Atmosphere," <i>J. Anal. Chem.</i> 48(1):112-121 (1993).
Pb	AW	Handy, <i>et al.</i> , "Determination of Nanomolar Levels of Perchlorate in Water by ESI-FAIMS-MS," <i>J. Anal. At. Spectrometry</i> 15:907-911 (2000).
Pb	AX	Buryakov, <i>et al.</i> , "Separation of Ions According to Mobility in A Strong AC Electric Field," <i>Letters to Journal of Technical Physics</i> , 17:11-12 (1991).
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Pb	AZ	Verenchikov, A.N. <i>et al.</i> , Analysis ions in solutes by gaseous ion analyzer. "Chemical Analysis of the Environmental Objects," red. Malakhov. Novosibirsk, Nauka, pp. 127-134(1991).
Pb	AR2	Riegnier D.E., <i>et al.</i> , "Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection," Proceedings of The ASMS Conference on Mass Spectrometry and Allied Topics, pages 473A-473B, (1997, June).
Pb	AS2	Carnahan, B., <i>et al.</i> , "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis," <i>ISA</i> , 51(1):87-96, (1996).
Pb	AT2	Carnahan, B., <i>et al.</i> , "Field Ion Spectrometry - A New Technology for Cocaine and Heroin Detection," <i>SPIE</i> , 2937:106-119, (1997).
Pb	AU2	Miller, R.A., <i>et al.</i> , "A Novel Micromachined High-Field Asymmetric Waveform Ion Mobility Spectrometer," <i>Sensors and Actuators B</i> , B67(3):300-306, (2000). <span style="float: right;">RECEIVED TECHNOLOGY CENTER JAN 22 2004</span>
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Pf	AY2	Krylov, E.V., "Pulses of Special Shapes Formed on a Capacitive Load," <i>Instruments and Experimental Techniques</i> , 40(5):628, (1997). Also cited in Database Nauka/Interperiodika 'Online!', International Academic Publishing Company (IAPC), Russia; E. Krylov
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Pf	AR3	Raizer, Y. P., et al., <i>Radio-Frequency Capacitive Discharges</i> , CRC Press, pp. 1-3, (1995).
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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION	FIRST NAMED INVENTOR Raanan A. Miller	FILING DATE February 21, 2002
O I P E FEB 11 2004 JC10 RECEIVED U.S. PATENT AND TRADEMARK OFFICE (use several sheets if necessary)	EXAMINER Gurzo, Paul M.	CONFIRMATION NO. 4435
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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